GOVERNMENT OF INDIA
DEFENCE
LOK SABHA

UNSTARRED QUESTION NO:2866
ANSWERED ON:15.03.2001
DEVELOPMENT OF CRYO ENGINE BY H.A.L.
SULTAN SALAHUDDIN OWAISI

Will the Minister of DEFENCE be pleased to state:

(a) whether HAL has developed an indigenous CRYO Engine for ISRO`s Geo-Stationery Launch Vehicle Project;

(b) if so, the time by which this Engine is likely to be ready for the test;

(c) the total amount spent on development of this engine so far;

(d) whether any technical know-how has been taken from any foreign country; and

(e) if so, the details thereof?

Answer

MINISTER OF DEFENCE (SHRI GEORGE FERNANDES)

(a) & (b): No, Sir. The Indian Space Research Organization (ISRO) and not Hindustan Aeronautics Limited (HAL) is developing the Cryogenic upper stage including the CRYO Engine for application in the Geo-Stationery Launch Vehicle ProjectHAL is participating only in fabrication of stage structures and propellant tanks which will be ready by July, 2001.

(c) The expenditure incurred on this project, till end March, 2000 is Rs. 250.07 crores.

(d) No, Sir.

(e) Does not arise.